

Date: Sun, 3 Oct 93 04:30:18 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #62
To: Ham-Digital

Ham-Digital Digest Sun, 3 Oct 93 Volume 93 : Issue 62

Today's Topics:

 ALR22E for 9600bd
 Amiga packet software wanted
 Can packet radio be used with mobile sites?
 DVR4-10's @ 450mhz
 FTP site for Baycom TCP/IP?
 FTP source for JNOS (2 msgs)
 KPC-3 to HTX-202 cable wiring
 MacTCP radio driver?
 Parts search
 Responsibility for B
 Tiny 2 - 156.3KHz tap ? (2 msgs)
 WWV clock wanted (2 msgs)

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 1 Oct 1993 11:56:24 GMT
From: pipex!uknet!icsbelf!johna@uunet.uu.net
Subject: ALR22E for 9600bd
To: ham-digital@ucsd.edu

Hi All,

Has anyone any details of connecting an Alinco ALR22 (E or A) up to a
9600 Bd packet modem ? Any information would be useful.

Thanks in advance.

--

John Agnew, | johna@icsbelf.co.uk
ICS Computing Group Ltd, | ...!uknet!icsbelf!johna
Belfast (Northern Ireland) | Gi6IRL@GB7TED.GBR.EU [44.131.15.11]

Date: Fri, 1 Oct 1993 12:46:32 GMT
From: swrinde!cs.utexas.edu!uwm.edu!linac!uchinews!att-out!cbfsb!
cbnewsg.cb.att.com!fvdbord@network.ucsd.edu
Subject: Amiga packet software wanted
To: ham-digital@ucsd.edu

Can anybody give me information on the following:

I have:
 an Amiga A1000
 simple 1200bd modem
 Yaesu transceiver

Is there software available for Amiga that I can use for
packet radio? Where can I get it ?

Thanks in advance

Frank van der Borden
fvdbord@ihlpw.att.com

Date: 1 Oct 93 15:40:44 GMT
From: news.crd.ge.com!rpi!usc!news.cerf.net!nic.cerf.net!wegrzyn@cs.rochester.edu
Subject: Can packet radio be used with mobile sites?
To: ham-digital@ucsd.edu

Hello. I am trying to build a packet radio network for a couple of
police departments in Northeastern Mass. The radio vendor wants to
use a PAD/modem from Data Radio. The Data Radio guy told me that
you can't use just any PAD/modem for mobile data (as in cars), you
need a special PAD/modem -- theirs. This seems bogus to me, but not
being a Ham or having practical amateur experience I just don't know
for sure. Can anyone tell me if this is jive?

Also since I am going to be adapting Windows for Workgroups to use the
packet radio network, I was going to release my work into the public
domain. Data Radio wants me to sign a non-disclosure with them to use
the PAD/modem -- to program to the interface. This would prevent me

from releasing my work to the public. Does any one have any suggestions of what PAD/modem to use. We are going to be using the 800MHz frequency and want 4800 to 9600 baud (the Data Radio is 4800). I will be running the NetBIOS/NetBEUI protocol over the PAD/modem.

Any help would be very appreciated. Thank you very much.

Chuck Wegrzyn
wegrzyn@cerf.net

Date: 1 Oct 93 22:32:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: DVR4-10's @ 450mhz
To: ham-digital@ucsd.edu

We are in the process of setting up a local 9600 backbone link on 70cm here, and one of the participants has purchased a Kantronics D4-10 radio for his end. The link is on 440.050 mhz. The Kantronics manual leads one to believe these radios can't go this high in frequency. Anyone have any luck with these rascals above 440mhz?

Any feedback would be appreciated.

--

--

Dave

```
+-----+
| Dave Ewaldz      THE INGERSOLL MILLING MACHINE CO. |
|                  Rockford, Illinois, Usa           |
|                                                        |
| Internet         - dewaldz@ingersoll.com            |
| Ampnet           - n9hkm%n9hkm.ampr.org@ke9yq.ampr.org |
|                  [44.72.75.33]                      |
| ax25 mail        - n9hkm%n9hkm.#ncil.il.usa.na       |
| Ma-Bell          - (815)-633-7031                   |
+-----+
```

Date: Fri, 1 Oct 1993 15:30:34 GMT
From: agate!usenet.ins.cwru.edu!news.uakron.edu!VM1.CC.UAKRON.EDU!R3KTD@ames.arpa
Subject: FTP site for Baycom TCP/IP?
To: ham-digital@ucsd.edu

I saw not long ago, a message concerning running Baycom with NOS. Does anyone know an FTP site where I can get the AX25DRV driver? Also, I guess there is a program GP which is Baypac modem compatible. Any

idea where I can find this also?

TNX - karl - n8pkb

karl@marconi.w8upd.uakron.edu
r3ktd@vm1.cc.uakron.edu
n8pkb@wa8dce.#neoh.oh.usa.na
Optimism is my philosophy; cynacism is my survival.

Date: Thu, 30 Sep 1993 18:26:04 -0600
From: sdd.hp.com!nigel.msen.com!spool.mu.edu!howland.reston.ans.net!math.ohio-
state.edu!usc!cs.utexas.edu!oakhill!val!afarm!fredmail@network.ucsd.edu
Subject: FTP source for JNOS
To: ham-digital@ucsd.edu

-=> Quoting "seth M. Dworken" to All <=-

>Can anybody point me to a site that has JNOS version 1.08c available for
>anonymous FTP?

"MD> Go right to the "source" -- the host is wg7j.ece.orst.edu -- and I
"MD> believe the directory names are the version numbers. You'll have to
"MD> check that...

>If possible, simple instructions on how to initiate the transfer would
>be helpful as well.

"MD> Try the "man ftp" command if you are on a Unix system to read the FTP
"MD> manual pages.

The reason I asked, is, of course, that I CAN'T do that. If I had
regular net access, I wouldn't be trying to get TCP/IP going over
Packet. I am attempting to route info/software via packet to/from
the Internet. Don't tell me I have to have access to get the files
so I can get access! I do have a couple of friends that can download
files, IF given precisely detailed instructions.

Burt N5SYY

... "Practicing the martial arts assures a long life." - Bruce Lee
___ Blue Wave/QWK v2.12

Date: 02 Oct 93 21:45:06 GMT
From: wupost!howland.reston.ans.net!pipex!sunic!trane.uninett.no!news.eunet.no!

nuug!news.eunet.fi!funic!nntp.hut.fi!nntp.hut.fi!Tomi.Manninen@decwrl.dec.com
Subject: FTP source for JNOS
To: ham-digital@ucsd.edu

In article <749500213.AA00139@afarm.uucp> Burt.Kaufman@f40.n382.z1.fidonet.org
(Burt Kaufman) writes:

> >Can anybody point me to a site that has JNOS version 1.08c available for
> >anonymous FTP?

I checked few of the sites I know (wg7j.ece.orst.edu,
mvangel.npt.nuwc.navy.mil, ftp.cs.tamu.edu, hydra.carleton.ca,
col.hp.com) but the only one where I could find anything older than
1.09 was:

ftp.funet.fi: /pub/ham/packet/ka9q/jnos/jnos108c.exe

You probably should download the sources too (jnos108c.zip) as they
contain the latest documentation (file readme.now). A rather old
doc-file is wg7jdoc.zip in the same directory. Jnos is based on pa0gri
nos so downloading pa0gri documentation wouldn't harm you:
/pub/ham/packet/ka9q/pa0gri/nos_1229.man.2.0m

> >If possible, simple instructions on how to initiate the transfer would
> >be helpful as well.

Well, something like this:

Script started on Sat Oct 02 23:40:51 1993
23:40 gamma ~ % ftp ftp.funet.fi
Connected to ftp.funet.fi.
220-
220-Hello user at gamma.hut.fi,
220-
220-Welcome to the FUNET archive, Please login as 'anonymous' with
220-your E-mail address as the password to access the archive.
220-See the README file for more information about this archive.
220-
220- All transfers are logged with your host name and whatever you entered
220- for the password. If you don't like this policy, disconnect now!
220-
220-nic.funet.fi FTP server (Version 4.1081 problems@nic.funet.fi) ready.
220-There are 6 (max 128) archive users in your class at the moment.
220-Local time is Sat Oct 2 23:41:00 1993 EET
220-
220-You can retrieve Ftp-archive top-level README before logon as well.
220
Name (ftp.funet.fi:tpmannin): anonymous

331 Guest login ok, give your E-mail address for password.

Password:

230-Guest 'tomi.manninen@hut.fi' login ok.

230-

230- Finnish University and Research network FUNET

230- Archive FTP.FUNET.FI

230-

230-Most important file name suffixes are described at README.FILETYPES

230-Welcome, you are 6th archive user in your class (max 128).

230-There are 31 users in all classes (max 514)

230-Your data-transfer rate has no limitations.

230-

230-Local time is Sat Oct 2 23:41:21 1993 EET

230-

230-We have special access features, see file README

230- It was last updated Tue Sep 28 14:26:51 1993 - 4.4 days ago

230

Remote system type is UNIX.

Using binary mode to transfer files.

ftp> cd pub/ham/packet/ka9q/jnos

250 CWD command successful.

ftp> dir

200 PORT command successful.

150 Opening ASCII mode data connection for .

-rw-rw-r--	1	oh3nwq	ftp	328708	Aug	7	18:32	jn110x9.exe
-rw-rw-r--	1	oh3nwq	ftp	982612	Aug	7	18:32	jn110x9.zip
-rw-rw-r--	1	mto	ftp	265928	Mar	11	1993	jnos108c.exe
-rw-rw-r--	1	mto	ftp	1003829	Mar	11	1993	jnos108c.zip
-rw-rw-r--	1	mto	ftp	584401	Sep	2	05:39	jnos4099.exe
-rw-rw-r--	1	mto	ftp	167720	Mar	11	1993	new108c.zip
-rw-rw-r--	1	mto	ftp	46266	Mar	11	1993	wg7jdoc.zip
-rw-rw-r--	1	mto	ftp	228	Mar	11	1993	whats.new

226 Transfer complete.

ftp> bin

200 Type set to I.

ftp> get jnos108c.exe

200 PORT command successful.

150 Opening BINARY mode data connection for /pub/ham/packet/ka9q/jnos/jnos108c.exe
(265928 bytes).

226 Transfer complete.

265928 bytes received in 3.7 seconds (71 Kbytes/s)

ftp> quit

221-Goodbye, and thank you for using the FUNET archive.

221 You transferred 260 KBytes during this session.

23:42 gamma ~ % exit

exit

script done on Sat Oct 02 23:42:21 1993

Good luck! Don't forget the 'bin' command!!

--

---Tomi Manninen / Tomi.Manninen@hut.fi / OH2BNS @ OH2RBI.FIN.EU---

Date: 2 Oct 1993 21:29:23 GMT
From: spool.mu.edu!sol.ctr.columbia.edu!news.kei.com!newsstand.cit.cornell.edu!
newsstand.cit.cornell.edu!usenet@decwrl.dec.com
Subject: KPC-3 to HTX-202 cable wiring
To: ham-digital@ucsd.edu

Hello,

I just got a KPC-3 TNC. I need to make the cable between the radio and the TNC. I own a htx-202 from radio shack. Does anyone know the proper cabling between them? I have 2.2kOHM res and 3.9kOHM res and 0.1uf caps plus mono 3/32 mono plus, 1/8stero and 1/8 mono plugs. Can someone supply me with the proper circuit, tip/sleeve data?

Thanks,

-Jeff Luszcz

N2TIQ

jrl2@cornell.edu

Date: 2 Oct 93 16:11:03 GMT
From: ogicse!uwm.edu!wupost!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: MacTCP radio driver?
To: ham-digital@ucsd.edu

In article <1993Oct1.033319.10927@news.yale.edu> ewing@cis.yale.edu (Martin Ewing) writes:

>It seems that one approach to Macintosh tcp/ip radio would be to
>do away with ka9q (Net/Mac, not the person :-) and use the standard
>MacTCP network package that we use on Ethernet or LocalTalk. One
>would need a driver to tell it about AX.25. After you had that, you
>could use NCSA Telnet, and various other PD Mac packages.

>

>Has anyone done this or looked into it?

There's a problem with using native TCP/IP for this purpose. You can't set the parameters to avoid sending a packet storm on connection attempts. The timing will be for ethernet or localtalk rather than for a AX25 radio link. That's why most people use

a cheap dos box running KA9Q as a intermediate router. It can
confine the packet storm to the ethernet by appropriate setting
of parameters.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

Date: 1 Oct 1993 08:34:04 -0500
From: swrinde!cs.utexas.edu!TAMUTS.TAMU.EDU!news.utdallas.edu!corpgate!
crchh327.bnr.ca!kharker@network.ucsd.edu
Subject: Parts search
To: ham-digital@ucsd.edu

I'm looking to make a longer cable for my packet setup than the one I
am using now, and I am wondering something. You know those plugs on the
end of external speaker/mics designed for HTs? You know, the plug with
both the mini and sub-mini plugs side-by-side? MFJ sells some pre-fab
tnc<->ht cables with this plug on the ht end of things.

Anybody know of a source I could buy just the plug from? I'd like
to solder my own cable into it so I don't have two plugs to deal with
everytime I plug or unplug my ht from the tnc...

Thanks.

--

Kenneth E. Harker	Bell Northern Research	"Any opinions expressed
kharker@bnr.ca	Richardson, Texas, USA	are solely mine and do
N1PVB	(214) 684-5115	not represent BNR"

Date: Fri, 01 Oct 1993 11:55:06 -0600
From: sdd.hp.com!nigel.msen.com!spool.mu.edu!howland.reston.ans.net!math.ohio-
state.edu!usc!cs.utexas.edu!oakhill!val!afarm!fredmail@network.ucsd.edu
Subject: Responsibility for B
To: ham-digital@ucsd.edu

-=> Quoting Milton D. Miller Ii to All <=-

MDMI> My understanding is that the ARRL wanted originator only, but the
MDMI> FCC said "no way, not until **** freezes over" or something close,
MDMI> so the ARRL took the next best thing. Evidently, the FCC thinks it
MDMI> is too easy to forge a message in someone elses name/call.

Okay. But how is the first forwarder supposed to know whether or
not the call sign was faked? How will this help?

Or is the FCC's idea that faked call/no license is okay as long as
its not obscene or business oriented?

Burt N5SYY

... Danger, Will Robinson, danger!
___ Blue Wave/QWK v2.12

Date: Thu, 30 Sep 1993 11:55:04 GMT
From: pipex!uknet!icsbelf!johna@uunet.uu.net
Subject: Tiny 2 - 156.3KHz tap ?
To: ham-digital@ucsd.edu

Hi all,

Can anyone tell me where to find a source for 156.3 KHz clock on the Tiny-2
circuit board ? I need this clock speed for use with a 9600Bd modem.

All answers gratefully received !
--

John Agnew, | johna@icsbelf.co.uk
ICS Computing Group Ltd, | ...!uknet!icsbelf!johna
Belfast (Northern Ireland) | Gi6IRL@GB7TED.GBR.EU [44.131.15.11]

Date: Thu, 30 Sep 1993 15:06:50 GMT
From: pipex!uknet!icsbelf!johna@uunet.uu.net
Subject: Tiny 2 - 156.3KHz tap ?
To: ham-digital@ucsd.edu

Hi all,

Can anyone tell me where to find a source for 156.3 KHz clock on the Tiny-2
circuit board ? I need this clock speed for use with a 9600Bd modem.

All answers gratefully received !

John

--

```
-----  
John Agnew,          |      johna@icsbelf.co.uk  
ICS Computing Group Ltd, |    ...!uknet!icsbelf!johna  
Belfast (Northern Ireland) | Gi6IRL@GB7TED.GBR.EU [44.131.15.11]  
-----
```

Date: 2 Oct 1993 20:31:26 GMT
From: news.service.uci.edu!paris.ics.uci.edu!news.claremont.edu!
elroy.jpl.nasa.gov!sdd.hp.com!math.ohio-state.edu!sol.ctr.columbia.edu!ucsnews!
newshub.sdsu.edu!darkstar.UCSC.EDU!darrell@network
Subject: WWV clock wanted
To: ham-digital@ucsd.edu

At one time Heathkit (which I understand is demised, if not and you have their number send it tome) sold a "Most Accurate Clock" which was as WWV receiver with RS-232 output. I need to get something like that for a research project I am working on.

Radio Shack is no help (blank stares mostly), nothing in Edmund Scientific, etc... I'll drive over to Quement today to see if they have anything.

If you know where I could find such a thing, please drop me a note.

Thanks, DL

P.S. My apologies if I've posted to any inappropriate groups.

Date: Sun, 3 Oct 1993 03:44:30 GMT
From: csus.edu!netcom.com!wa2ise@decwrl.dec.com
Subject: WWV clock wanted
To: ham-digital@ucsd.edu

In article <28koeu\$jql@darkstar.UCSC.EDU> darrell@cse.ucsc.edu (Darrell Long) writes:

>At one time Heathkit (which I understand is demised, if not and you have
>their number send it tome) sold a "Most Accurate Clock" which was as WWV
>receiver with RS-232 output. I need to get something like that for a
>research project I am working on.

If you're using PC's and have a modem, there's a shareware program "Timeset"

that dials up the Naval Institute in Washington DC or NIST in Boulder, CO.
It connects and sets your PC's internal clock to match the real time.
Toll call, but it takes less than a minute to do the entire call.

End of Ham-Digital Digest V93 #62
